



Missouri Department of Natural Resources

Total Maximum Daily Load Information Sheet

Higginsville South Lake

Waterbody Segment at a Glance:

County: Lafayette
Nearby Cities: Higginsville, Concordia
Area of impairment: None
Pollutant: None
Source: N/A



State map showing location of watershed

Note: The long term average Atrazine level in this lake now meets state water quality standards. Therefore, this lake was deleted from the 2002 303(d) List.

TMDL Priority Ranking: N/A

Beneficial uses of Higginsville South Lake:

- Livestock and Wildlife Watering
- Protection of Warm Water Aquatic Life
- Protection of Human Health associated with Fish Consumption
- Boating and Canoeing
- Drinking Water Supply

Use that is impaired

- None

Standards that apply

- Missouri's Water Quality Standards10 CSR 20-7.031, Table A allows a maximum of three micrograms per liter ($\mu\text{g/L}$) atrazine. Because this number is based on health risk associated with a 70-year exposure period, the three $\mu\text{g/L}$ is interpreted as a long term average.

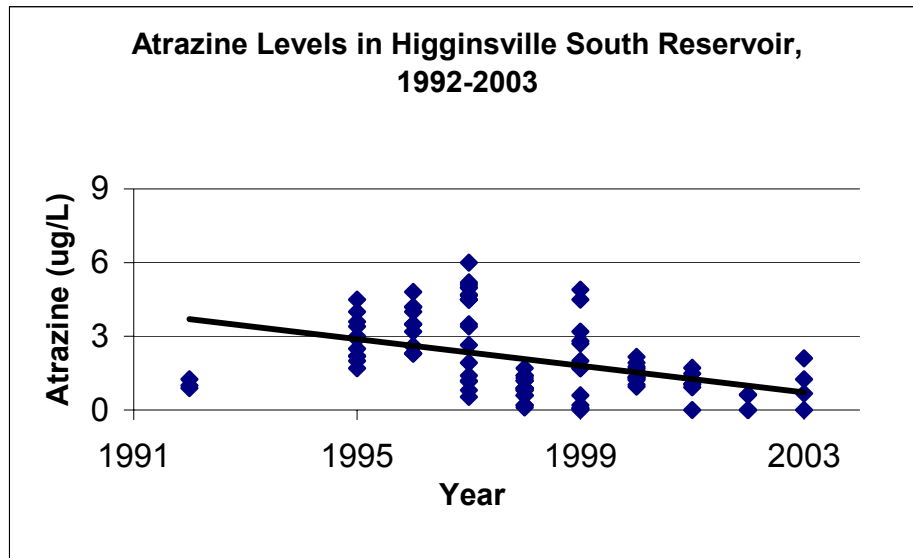
Background Information and Water Quality Data

The Higginsville Reservoir system consists of approximately 194 acres of water. The city sells wholesale, treated water from the lake to several nearby towns and to the Lafayette-Johnson-Saline Public Water Supply District #2 for distribution to the rural area, serving approximately 9,300 people. Runoff from residential, golf course and corn and sorghum production areas in the watershed has resulted in measurable amounts of atrazine and other herbicides being detected within the lake.

Higginsville formed a Watershed Steering Committee, which drafted their Higginsville City Lake Watershed Management Plan. This has been instrumental in reducing the atrazine problem in the lake.

Higginsville Lake in Lafayette County, Missouri





Source: Missouri Department of Natural Resources

For more information call or write:

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